

SUB SYSTEMS: SIMULTANEOUS SAMPLING, MULTIPLE TRACK HOLD

Model Designator																				Temperature				#	Starting		
Req				Input Voltage Range	Conversion Rate	Accuracy or Linearity		Differential Linearity		Full Scale Error		Zero Error		Bipolar Zero Error		Voltage Reference		Tristate Output	I/O	Range				of Pins	Price /100's		
MODEL	# Bits	# CH	Min +Vcc	+Icc mA		KSPS	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	INT	EXT	Latches		0 70C	-25 85	-40 85	-55 125			
Single A/D's, Multiple Track & Hold's																											
AD7777, With Dual Track and Hold																											
AD7777	10	4	5	10/1	Vb-Vsw	380	1	1	1	1	12	12	12	12			+2			P10	J		A		24	\$9.75	
AD7778, With Dual Track and Hold																											
AD7778	10	8	5	10/1	Vb-Vsw	380	1	1	1	1	12	12	12	12			+2			P10	J		A		24	\$10.70	
AD7861 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)																											
AD7861	11	7	+5V	10	2.5V	200	2	2	2.5	2.5	13	13	9	9			+2.5V			P11			A		44	\$11.76	
AD7874 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)																											
AD7874	12	4	±5	18/12	±10	30	1	1	1	1	5	5	NS	NS	5	5	+3V			P12		A			28	\$30.80	
AD7874	12	4					1/2	1/2														B		T		\$38.50	
AD7864	14	4	+5V	18	0>2.5 ±2.5,±10	285	1	1	1	1	4	4	3	3	4	4	+2.5V			P11			A		44	\$16.75	
AD7864	14	4					1/2	1/2			3	3			3	3											
AD7862 & AD7863 Duals																											
AD7862	12	2	+5V	10	2.5V	200	1	1	1	1	4	4	4	4	4	4	+2.5V			P12			A		44	\$12.95	
AD7862	12	2									3	3	3	3	3	3							B			\$16.85	
AD7863	14	2	+5V	15	2.5V	200	2	2	1	1	4	4	4	4	4	4	+2.5V			P14			A		44	\$18.00	
AD7863	14	2									3	3	3	3	3	3							B			tbd	
Motion Control Co-Processor, w/4 T/H, 12 Bit Timer, PWM, Vector Transform Block																											
ADMC200	11	4	+5V	20	+5V	200	±2	±2	±2	±2	±6	±6	±5	±5			+2.5V			P11			A		44	\$24.64	
ADMC201, SAME AS THE ADCMC200 BUT WITH 6 DIGITAL I/O Ports																											
ADMC201	11	7	+5V	20	+5V	200	±2	±2	±2	±2	±6	±6	±5	±5			+2.5V			P11			A		44	\$33.95	
DSP Based (ADSP2171) Motion Control Co-Processor, w/7 Single Slope 11 bit A/D , 12 Bit Timer, 12 bit PWM, 2 AUX 8 Bit PWM																											
ADMC330	See D/S for details on this processor.																									\$29.75	